

# PSU AC105

Power Supply Unit



## Device Description

PS can be used with all inavitas' IOT devices. It has 85-265VAC 50/60 Hz input and 5V, 2A output. Its output can be adjusted by its pot type resistor. Thanks to its small footprint, it can be used in space-limited applications.

### Device Specifications

Output DC Voltage	5V
Output Rated Current	2A
Output Current Range	0-2A
Output Ripple & Noise (Max)	100mV
Output Voltage Adjustable Range	4.5 -6.0 V
Input Voltage Range	85-264 VAC
Input Frequency Range	50-64 Hz
Input Efficiency	% 82
Protection Overload	110-140% Rated Output Power. Protection type: Constant current limiting recovers automatically after fault condition is removed.
Working temperature	-30 ~ +70 (Refer to output maximum load)
Working humidity	20 ~ 90% Rh
Storage temperature humidity	-40 ~ +85 , 10 ~ 95% Rh
Safety standards	UI508, tuv en60950-1 approved
Emi conduction & radiation	Compliance to en55011,en55022 (cispr22), en61204-3 class b
Harmonic current	Compliance to en61000-3-2,-3
Ems immunity	Compliance to en61000-4-2, 3, 4, 5, 6, 8, 11, env50204, en55024,en61000-6-1,en61204-3 light industry level, criteria a

### Environment Conditions

Standards	IEC 61326-1, EN 301489-1, IEC 61010-1, EN 60950-1
Operating Temperature	-25°C / +70°C
Storage Temperature	-40°C / +70°C
Operating Humidity	25% - 95% RH
Protection Class	IP20

### Mechanical Specifications

Device Dimensions (W x H x D)	35mm x 90mm x 59 mm
Weight	70gr